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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/710,677	07/28/2004	David M. Audette	BUR920040088US1	4676		
30449	7590 10/17/2005		EXAM	EXAMINER		
	ER, OLSEN + WATTS	NGUYEN, JIMMY				
3 LEAR JET SUITE 201	LANE	ART UNIT	PAPER NUMBER			
LATHAM,	NY 12110	2829	2829			
			DATE MAIL ED: 10/17/200	•		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applicatio	n No.	Applicant(s)			
Office Action Summary		10/710,67	7	AUDETTE ET AL.			
		Examiner		Art Unit			
		Jimmy Ngu	ıyen	2829			
Period fo	The MAILING DATE of this communication a		·	orrespondence add	ress		
A SH WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR REP CHEVER IS LONGER, FROM THE MAILING asions of time may be available under the provisions of 37 CFR SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory perior te to reply within the set or extended period for reply will, by stati- eply received by the Office later than three months after the mailed and patent term adjustment. See 37 CFR 1.704(b).	DATE OF TH 1.136(a). In no ever od will apply and will lute, cause the appli	IS COMMUNICATION nt, however, may a reply be tim expire SIX (6) MONTHS from to become ABANDONED	I. ely filed the mailing date of this con D (35 U.S.C.§ 133).			
Status		•			•		
2a) <u></u>	Responsive to communication(s) filed on <u>06</u> This action is FINAL . 2b) The Since this application is in condition for allow closed in accordance with the practice under	his action is no vance except f	on-final. for formal matters, pro		merits is		
Dispositi	on of Claims						
5)⊠ 6)⊠ 7)□ 8)□ Applicati	Claim(s) 1 - 30 is/are pending in the application 4a) Of the above claim(s) is/are withdrown is/are withdrown is/are allowed. Claim(s) 1 - 20 is/are allowed. Claim(s) 21 - 30 is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and son Papers The specification is objected to by the Examination The drawing(s) filed on is/are: a) are applicant may not request that any objection to the specification and specification to the specification and specification is objected to by the Examination and specification is objected to by the Examination and specification and specification is objected to by the Examination and specification and specification are specification and specification and specification are specification are specification and specification are sp	d/or election reiner. ccepted or b)[he drawing(s) be	equirement. objected to by the Ee held in abeyance. See	e 37 CFR 1.85(a).	D 4 404(4)		
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
,	ınder 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.							
2) Notic 3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/0 r No(s)/Mail Date <u>0704</u> .	08)	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	ite	.152)		

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 21 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Kusanko Takashi et al (WO98/58266).

As to claims 21, 26, Kusanko Takashi et al disclose an apparatus and method comprising:

a probe array (5c) mounted on an inner portion (31) of a bearing (39), said inner portion (31) of said bearing slidably mounted to an outer portion (12) of said bearing (39), said inner bearing (31) able to move in a direction perpendicular to a top surface of said probe array (5c), and means for dynamically adjusting a pressure of said probe (5c) array on I/O (23a) interconnects of a device under test (23).

As to claims 22, 27, Kusanko Takashi et al disclose the apparatus and method of claims 21, 26, wherein said means for dynamically adjusting is selected from the group consisting of a hollow O-ring positioned between said inner portion (31) of said bearing and said outer portion (12) of said bearing, a pressurized (by spring 7) and pressure adjustable hollow O-ring positioned between said inner portion (31) of said bearing and said outer portion (12) of said bearing, a pressurized and pressure

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adjustable piston positioned between said inner portion of said bearing and said outer portion of said bearing, a pressurized and pressure adjustable bellows positioned between said inner portion of said bearing and said outer portion of said bearing, and a circular array of equidistance spaced springs positioned between said inner portion of said bearing and said outer portion of said bearing.

As to claims 23, 28, Kusanko Takashi et al disclose the apparatus of claims 21, 26 further including an inner probe card (31a) and an outer probe card (12a), said inner probe card (31a) intervening between said probe array (5c) and a top surface of said inner portion (31) of said bearing (39), said outer probe card (12a) mounted to a top surface of said outer portion of said bearing.

As to claims 24, 29, Kusanko Takashi et al disclose the apparatus of claims 23, 28 further including a flexible circuit (5) electrically connecting said inner probe card (31) to said outer probe card (12).

As to claims 25, 30, Kusanko Takashi et al disclose the apparatus of claim 21, wherein said probe array (5c) is a rigid probe array or a compliant probe array.

Allowable Subject Matter

3. Claims 1 - 20 are allowed.

The prior arts of record are fail to disclose the combination of an apparatus and a method of a probe array mounted on an inner portion of a gimbaled bearing, said inner portion of said gimbaled bearing having a spherical surface defined by a surface of a first sphere between two parallel small circles of said first sphere, a radius of said first sphere centered on a point on a top surface of said probe array, and an outer portion of said gimbaled bearing, said outer portion of said gimbaled bearing having a spherical surface defined by the surface of a second sphere between two parallel small circles of said second sphere, a radius of said second sphere centered on said point on said top surface of said probe array.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jimmy Nguyen whose telephone number is 571-272-1965. The examiner can normally be reached on M - F from 9 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ramtez Nestor, can be reached on 571 – 272- 2034. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Jimmy Nguyen

10/11/05

VINH NGUYEN
PRIMARY EXAMINER

A.u.2829

10/13/65